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a phosphor layer disposed within the cavity on one of the first and second substrates, the phosphor layer having a thickness in a range of from 10 μm to 50 μm .

29. (NEW) A discharge cell as recited in claim 28, wherein the phosphor layer is formed on the first substrate, aligned within the cavity, and covers the entire surface of the cavity including sidewalls of the pair of barriers and thereby to constitute a discharge cell of a reflecting type plasma display panel.

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30. (NEW) A discharge cell as recited in claim 28, wherein the pair of display electrodes has a discharge gap of a first width at a central portion of a unit luminescent area and a gap of a second, greater width, at both end portions of the unit luminescent area.

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31. (NEW) A discharge cell as recited in claim 28, wherein a top portion of each barrier is of a dark color.

32. (NEW) A discharge cell as recited in claim 29, wherein a top portion of each barrier is of a dark color.

33. (NEW) A discharge cell as recited in claim 28, wherein a width of each cell, in the second direction, is approximately one-third a length thereof, in the first direction.

34. (NEW) A discharge cell as recited in claim 28, wherein each of the pair of display electrodes comprises a metal conductor extending in the second direction, transverse to the first direction and the pair of spaced barriers, the pair of metal conductors having a combined width in the first direction which is limited so as not to block more than 21% of light emitted from the discharge cell.

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35. (NEW) A plasma display panel of a surface discharge type and having an array, of plural columns in the first direction and plural rows in a second direction transverse to the first direction, of plural image elements, each image element comprising a respective set of

unit luminescent areas, each area comprising a set of discharge cells, wherein each discharge cell comprises:

a cavity bounded by respective opposing and spaced sidewalls of a pair of barriers formed on a first substrate, the cavity extending commonly with the pair of barriers in a first direction;

an address electrode on the first substrate, extending in the first direction,

a pair of display electrodes formed on a surface of a second substrate covered by an insulating layer and positioned in opposed relationship with the barriers, the pair of display electrodes extending in a second direction, transversely to and crossing the barriers and the cavity therebetween, and defining the discharge cell, and

a phosphor layer disposed within the cavity on the first substrate; and

each set of discharge cells comprises a common number of discharge cells in successively spaced adjacent positions in the second direction, the respective phosphor layers of each set of the discharge cells being in a common sequence of respective, different colors, and the plural rows of the array having respective, common numbers of sets of discharge cells, aligned in the columns of the array.

36. (NEW) A plasma display panel as recited in claim 35, wherein:

each set of discharge cells has respective, first and second combined dimensions in the first and second directions which are substantially the same.

37. (NEW) A plasma display panel as recited in claim 35, wherein:

each set of discharge cells comprises plural cells having plural, respective and different color phosphor layers, each of which layers having a thickness in a range of from 10 μm to 50 μm .

38. (NEW) A plasma display panel as recited in claim 35, wherein:

the plural cells of each set are of a common width in the second direction.

39. (NEW) A plasma display panel as recited in claim 35, wherein:

the plural cells of each set are of respective, different widths in the second direction.

40. (NEW) A plasma display panel as recited in claim 35 wherein, in each discharge cell, the phosphor layer covers the respective, opposing sidewalls of the pair of barriers.

41. (NEW) A plasma display panel as recited in claim 35 wherein, in each discharge cell, the phosphor layer is formed on the first substrate, aligned within the cavity, and covers the address electrode and extends to the respective, opposing sidewalls of the pair of barriers, said phosphor layer having a thickness in a range of from 10 μm to 50 μm .

42. (NEW) A plasma display panel recited in claim 35, wherein each of the pair of display electrodes of each discharge cell comprises a transparent conductor and a respective metal conductor extending therewith in the second direction, and the pair thereof provides a predetermined discharge gap at a central portion of the cell.

43. (NEW) A plasma display panel as recited in claim 35 wherein, in each discharge cell, the phosphor layer is formed within the cavity and extends to the respective, opposing sidewalls of the barriers and a top portion of each of the barriers has a dark color.

44. (NEW) A plasma display panel as recited in claim 35, wherein each of the pair of display electrodes comprises a metal conductor extending in the second direction, transverse to the first direction and the pair of spaced barriers, the pair of metal conductors having a combined width in the first direction which is limited so as not to block more than 21% of light emitted from the discharge cell.

45. (NEW) A plasma display panel of a surface discharge type and having an array of plural image elements, arranged in plural columns in a first direction and plural rows in a second direction, transverse to the first direction, wherein each image element comprises a respective set of unit luminescent areas: